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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 001-03-044

First Inventor Takaya SATO

Title SLITTER FOR AN ELECTRODE RAW MATERIAL  
SHEET AND THE SLITTER PROCESS

Express Mail Label No. EU219230955US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 35]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 16 ]
5. Oath or Declaration [ Total Pages 3 ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
 (for continuation/divisional with Box 18 completed)
  - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. 09, 907,441

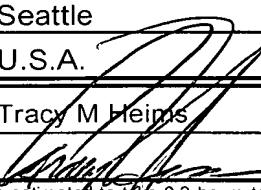
Prior application information:

Examiner: Michael S. Chambers

Group Art Unit: 3711

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

|   |   |                                   |              |   |
|---|---|-----------------------------------|--------------|---|
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label | 35870<br>(Insert Customer No. or Attach bar code label here)                        |                                   | or           | <input type="checkbox"/> Correspondence address below |
| Name  | Tracy M Heims   |                                   |              |   |
| Address   | 13194 Edgewater Lane Northeast  |                                   |              |   |
| City  | Seattle   | State                             | WA           | Zip Code  |
| Country   | U.S.A.  | Telephone                         | 296-664-0314 | Fax   |
| Name (Print/Type)   | Tracy M Heims   | Registration No. (Attorney/Agent) | 53,010       |   |
| Signature   |  |                                   | Date         | 07/03/2003  |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

10/613386  
07/03/03

07/03/03  
1592 U.S. PTO

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 750.00)

## Complete if Known

|                      |                     |
|----------------------|---------------------|
| Application Number   |                     |
| Filing Date          | July 3, 2003        |
| First Named Inventor | Takaya SATO         |
| Examiner Name        | Michael S. Chambers |
| Art Unit             | 3711                |
| Attorney Docket No.  | 001-03-044          |

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None

 Deposit Account:

Deposit Account Number 50-2069  
Deposit Account Name Apex Juris, PLLC

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description        | Fee Paid    |
|----------------------------|----------------------------|------------------------|-------------|
| 1001 750                   | 2001 375                   | Utility filing fee     | 750         |
| 1002 330                   | 2002 165                   | Design filing fee      |             |
| 1003 520                   | 2003 260                   | Plant filing fee       |             |
| 1004 750                   | 2004 375                   | Reissue filing fee     |             |
| 1005 160                   | 2005 80                    | Provisional filing fee |             |
| SUBTOTAL (1)               |                            |                        | (\$ 750.00) |

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Independent Claims | Multiple Dependent | Fee from Extra Claims below | Fee Paid |
|--------------|--------------------|--------------------|-----------------------------|----------|
| 9            | 1                  |                    | -20** = 0                   | 0        |
|              |                    |                    |                             |          |
|              |                    |                    | - 3** = 0                   | 0        |

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description  |
|----------------------------|----------------------------|--|
| 1202 18                    | 2202 9                     | Claims in excess of 20                                     |
| 1201 84                    | 2201 42                    | Independent claims in excess of 3                          |
| 1203 280                   | 2203 140                   | Multiple dependent claim, if not paid                      |
| 1204 84                    | 2204 42                    | ** Reissue independent claims over original patent         |
| 1205 18                    | 2205 9                     | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2)               |                            | (\$ 0.00)  |

\*or number previously paid, if greater. For Reissues, see above

## 3. ADDITIONAL FEES

## Large Entity | Small Entity

| Fee Code (\$) | Fee (\$)    | Fee Code (\$)  | Fee (\$) | Fee Description | Fee Paid |
|---------------|-------------|--|----------|-----------------|----------|
| 1051 130      | 2051 65     | Surcharge - late filing fee or oath  |          |                 |          |
| 1052 50       | 2052 25     | Surcharge - late provisional filing fee or cover sheet                     |          |                 |          |
| 1053 130      | 1053 130    | Non-English specification  |          |                 |          |
| 1812 2,520    | 1812 2,520  | For filing a request for ex parte reexamination                            |          |                 |          |
| 1804 920*     | 1804 920*   | Requesting publication of SIR prior to Examiner action                     |          |                 |          |
| 1805 1,840*   | 1805 1,840* | Requesting publication of SIR after Examiner action                        |          |                 |          |
| 1251 110      | 2251 55     | Extension for reply within first month                                     |          |                 |          |
| 1252 410      | 2252 205    | Extension for reply within second month                                    |          |                 |          |
| 1253 930      | 2253 465    | Extension for reply within third month                                     |          |                 |          |
| 1254 1,450    | 2254 725    | Extension for reply within fourth month                                    |          |                 |          |
| 1255 1,970    | 2255 985    | Extension for reply within fifth month                                     |          |                 |          |
| 1401 320      | 2401 160    | Notice of Appeal   |          |                 |          |
| 1402 320      | 2402 160    | Filing a brief in support of an appeal                                     |          |                 |          |
| 1403 280      | 2403 140    | Request for oral hearing   |          |                 |          |
| 1451 1,510    | 1451 1,510  | Petition to institute a public use proceeding                              |          |                 |          |
| 1452 110      | 2452 55     | Petition to revive - unavoidable   |          |                 |          |
| 1453 1,300    | 2453 650    | Petition to revive - unintentional   |          |                 |          |
| 1501 1,300    | 2501 650    | Utility issue fee (or reissue)   |          |                 |          |
| 1502 470      | 2502 235    | Design issue fee   |          |                 |          |
| 1503 630      | 2503 315    | Plant issue fee  |          |                 |          |
| 1460 130      | 1460 130    | Petitions to the Commissioner  |          |                 |          |
| 1807 50       | 1807 50     | Processing fee under 37 CFR 1.17(q)  |          |                 |          |
| 1806 180      | 1806 180    | Submission of Information Disclosure Stmt                                  |          |                 |          |
| 8021 40       | 8021 40     | Recording each patent assignment per property (times number of properties) |          |                 |          |
| 1809 750      | 2809 375    | Filing a submission after final rejection (37 CFR 1.129(a))                |          |                 |          |
| 1810 750      | 2810 375    | For each additional invention to be examined (37 CFR 1.129(b))             |          |                 |          |
| 1801 750      | 2801 375    | Request for Continued Examination (RCE)                                    |          |                 |          |
| 1802 900      | 1802 900    | Request for expedited examination of a design application                  |          |                 |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

(Complete if applicable)

|                   |   |                                   |        |                        |
|-------------------|---|-----------------------------------|--------|------------------------|
| Name (Print/Type) | Tracy M Helms   | Registration No. (Attorney/Agent) | 53,010 | Telephone 206-664-0314 |
| Signature         |  |                                   | Date   | July 3, 2003           |

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

DIVISIONAL PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Sato et al.

Application No.: New U.S. Divisional Patent Application

Filed: July 3, 2003

Attorney Dkt. No.: 001-03-044

For: SLITTER FOR AN ELECTRODE RAW MATERIAL SHEET AND THE SLITTING PROCESS

DIVISIONAL PATENT APPLICATION

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 3, 2003

Commissioner:

Applicant respectfully requests that the filing date of July 3, 2003 be granted to this Divisional Patent Application filing mailed herewith for filing under 37 C.F.R. §1.53(b) for the above named inventor(s) for SLITTER FOR AN ELECTRODE RAW MATERIAL SHEET AND THE SLITTING PROCESS. This application is a Divisional Application of Original U.S. Patent Application No.: 09/907,441 filed on 07/18/2001, which claims priority from Japanese application 2000-217765 filed 07/19/2000 in Japan.

Please note that the inventors in this application are the same as the parent application and that they have effectively assigned this invention to Nissinbo Industries, Inc. as shown by the Notice of Recordation of Assignment as herein included. Also please note that the USPTO has accepted the change of power of attorney in this case and that Apex Juris, pllc (Tracy M Heims) is now the attorney of record.

Included herein are the following documents:

1. Specification (32 pages), claims (2 pages), abstract (1 page) and drawings (16 pages)
2. Claim for priority is claimed under 35 U.S.C. §120 based on the original United States parent application, No. 09/907,441 filed 07/18/2001.
3. Certificates of mailings for all documents
4. Filing Fee and Business check in the amount of \$750
5. A copy of the originally filed oath
6. A copy of Notice of Acceptance of Power of Attorney for Tracy M Heims of Apex Juris, pllc
7. Copy of "Notice of Recordation of Assignment Document" and a copy of Assignment of Rights, Title and Interest in Invention to Nisshinbo Industries, Inc., as shown at Reel/Frame 012249/0883 filed in the parent application in accordance with 37 C.F.R. 3.73(b)
8. Incorporation by reference for Divisional Application. The disclosure of the prior application is considered as being a part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
9. Fee transmittal form in duplicate (PTO/SB/17)
10. Utility Patent Application Transmittal form (PTO/SB/05)
11. Patent Application Fee Determination Recordal form (PTO/SB/06)
12. Self Address, stamped return post card setting forth the above.

Please charge any fee deficiency or credit any overpayment with respect to this paper and or this application to Apex Juris Deposit Account No. 50-2069.

Respectfully submitted,



Tracy M Heims  
Registration No. 53,010

APEX JURIS  
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Tel: 206-664-0314  
Fax: 206-664-0329

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

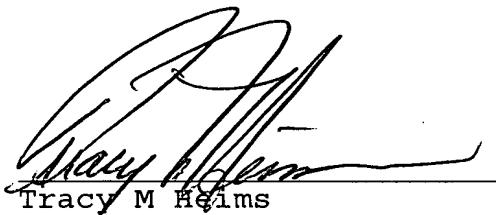
I hereby certify that the entire correspondence listed below is being deposited with the United States Postal Service with sufficient postage as EXPRESS MAIL, Label Number EU219230955US in an envelope addressed to:

Mail Stop Patent Application  
Commissioner for Patent  
P.O. Box 1450  
Alexandria, VA 22313-1450

On July 3, 2003.

Enclosed herein are the following documents for Divisional Application:

1. Letter to the Commissioner (2pgs)
2. Utility Patent Application Transmittal (PTO/SB/05)
3. Patent Application Fee Determination Record (1 pg)
4. USPTO Fee Transmittal Form (PTO/SB/17-2pgs)
5. Specification, Claims and Abstract (35 pgs)
6. Formal Drawings (16 pgs)
7. Copy of Notice of Acceptance of Power of Attorney (1 pg)
8. Copy of USPTO Notice of Recordation of Assignment Documents and Assignment History (6 pgs)
9. Copy of Originally submitted Oath (3 pgs)
10. Fee submission-business check, Apex Juris
11. Certificate of Mailing (1 pg)
12. Self Addressed Stamped Post Card (1)

  
Tracy M Helms  
Reg. # 53,010  
Date: July 3rd, 2003

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